



Docket No.: 8733.666.00  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:  
BYUN, Young Sang

Customer No.: 30827

Application No.: 10/184,096

Confirmation No.: 2143

Filed: June 28, 2002

Art Unit: 2876

For: SYSTEM AND METHOD FOR  
MANUFACTURING LIQUID CRYSTAL  
DISPLAY DEVICES

Examiner: Lisa M. Caputo

Mail Stop Petitions  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**PETITION FOR ENTRY OF INFORMATION DISCLOSURE STATEMENT IN  
MULTIPLE PATENT APPLICATIONS**

Sir:

Pursuant to the oral communication between the undersigned and Mr. Anton Fetting of the United States Patent and Trademark Office, Applicants submit the following Petition for Entry of Information Disclosure Statement (IDS) in multiple pending patent applications.

Over the course of prosecution of the above-identified patent application, Assignee has become aware of multiple references that it wishes to have considered by the examiner. In addition, the Assignee of the application identified above also wishes to have the same references considered in a plurality of copending patent applications. A list of these applications is attached to this Petition as Appendix A.

As can be seen from the attached reference list (PTO/ SB/08), many references are being cited in the present IDS. Many of those cited references are foreign publications requiring a paper submission according to USPTO Rules. The resulting number of copies, based on the number of applications to which Applicants wish to submit an identical IDS, is extensive. For

Application No.: 10/184,096  
Petition dated August 5, 2005

Docket No.: 8733.666.00

the purposes of expedience and preservation of both Patent Office and environmental resources, Applicants request that the Patent Office accept and enter this single IDS, PTO/SB/08, and copies of cited references in each of the patent applications listed in Appendix A.

Applicants note that the submission of IDS in some of the following applications will require the payment of a fee. Applicants have noted in Appendix A which applications they believe require a fee under 1.17(p). The Director is hereby authorized to charge this fee to Deposit Account No. 50-0911.

If there are any questions regarding this petition, please contact the undersigned attorney at (202) 496-7413. All correspondence should continue to be sent to the below-listed address.

If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time, or any other fees required to complete the filing of this response, may be charged to Deposit Account No. 50-0911. Please credit any overpayment to deposit Account No. 50-0911. A duplicate copy of this sheet is enclosed.

Dated: August 5, 2005

Respectfully submitted,

By 

**Song K. Jung**

Registration No.: 35,210

McKENNA LONG & ALDRIDGE LLP

1900 K Street, N.W.

Washington, DC 20006

(202) 496-7500

Attorneys for Applicant

**APPENDIX A**

**List of pending cases in which the IDS is to be entered.**

The following cases require a fee under 37 C.F.R § 1.97(c)/1.17(p):

<b>Application Serial No.</b>	<b>Attorney Docket</b>	<b>Filing Date</b>
10/128,440	8734.059	April 24, 2002
10/184,077	8733.624.00	June 28, 2002
10/184,087	8733.630.00	June 28, 2002
10/184,118	8733.631.00	June 28, 2002
10/244,668	8734.086	September 17, 2002
10/259,321	8734.091	September 30, 2002
10/259,698	8734.096	September 30, 2002
10/289,380	8733.705.00	November 7, 2002
10/308,130	8734.114	December 3, 2002
10/308,156	8734.116	December 3, 2002
10/316,897	8734.127	December 12, 2002
10/625,525	8733.871.00	July 24, 2003
10/661,472	8733.870.00	September 15, 2003
10/661,473	8733.872.00	September 15, 2003
10/661,515	8733.869.00	September 15, 2003
10/701,489	8734.250	November 6, 2003
10/735,730	8734.049 C1	December 16, 2003
10/874,169	8734.320	June 24, 2005
10/874,220	8734.322	June 24, 2005
10/895,934	8733.789.10	July 22, 2004
11/043,042	8734.095 D1	January 27, 2005
11/117,316	8734.316 C1	April 29, 2005

The following cases do not require a fee:

<b>Application Serial No.</b>	<b>Attorney Docket</b>	<b>Filing Date</b>
10/125,520	8734.050	April 19, 2002
10/128,561	8734.062	April 23, 2002
10/132,191	8734.064	April 26, 2002

10/156,191	8734.074	May 29, 2005
10/184,075	8733.632.00	June 28, 2002
10/184,076	8733.635.00	June 28, 2002
10/184,082	8733.625.00	June 28, 2002
10/184,083	8733.628.00	June 28, 2002
10/184,088	8733.684.00	June 28, 2002
10/184,096	8733.666.00	June 28, 2002
10/184,115	8733.629.00	June 28, 2002
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10/245,498	8734.088	September 18, 2002
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10/259,517	8733.706.00	September 30, 2002
10/259,640	8733.707.00	September 30, 2002
10/260,570	8733.710.00	October 1, 2002
10/301,597	8733.735.00	November 22, 2002
10/302,869	8733.736.00	November 25, 2002
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10/318,159	8734.129	December 13, 2002
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10/322,553	8734.141	December 19, 2002
10/323,882	8733.777.00	December 20, 2002
10/326,374	8733.800.00	December 23, 2002
10/329,413	8733.796.00	December 27, 2002
10/329,429	8733.788.00	December 27, 2002
10/330,132	8733.799.00	December 30, 2002
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10/392,871	8734.163	March 21, 2003
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10/691,662	8734.246	October 24, 2003
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10/699,854	8734.249	November 4, 2003
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10/717,717	8734.261	November 21, 2003
10/726,584	8734.266	December 4, 2003
10/727,570	8734.268	December 5, 2003
10/779,842	8734.126 C1	February 18, 2004
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10/824,585	8734.291	April 15, 2005
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10/825,206	8734.295	April 16, 2004
10/825,244	8734.296	April 16, 2005
10/825,362	8733.1024.00	April 16, 2004
10/832,312	8734.300	April 27, 2004
10/840,415	8734.301	May 7, 2004
10/843,554	8734.056 D1	May 12, 2004
10/847,286	8734.177 C1	May 18, 2004
10/851,176	8733.801.20	May 24, 2004
10/873,494	8733.636.10	June 23, 2004
10/874,534	8734.323	June 24, 2005
10/875,558	8734.326	June 25, 2004
10/875,578	8733.1111.00	June 25, 2004
10/895,926	8733.789.20	July 22, 2004
10/896,953	8733.645.20	July 23, 2004
10/914,463	8733.776.20	August 10, 2004
10/917,342	8734.093 C1	August 13, 2004
10/917,425	8734.063 C1	August 13, 2004
10/917,486	8734.056 C1	August 13, 2004
10/929,453	8734.057 C1	August 31, 2004
10/950,678	8733.738.20	September 28, 2004
10/963,640	8733.1184.00	October 14, 2004
10/965,900	8733.1189.00	October 18, 2004
10/975,468	8734.358	October 29, 2004

10/979,147	8734.073 D1	November 3, 2004
10/982,796	8734.051 C1	November 8, 2004
10/988,557	8733.711.10	November 16, 2004
10/988,834	8733.1223.00	November 16, 2004
10/995,543	8733.1246.00	November 24, 2004
10/995,543	8733.1246.00	November 24, 2004
10/995,564	8733.1228.00	November 24, 2004
10/998,563	8733.1264.00	November 30, 2004
11/002,888	8733.666.20	December 3, 2004
11/003,396	8733.637.10	December 6, 2004
11/003,469	8733.632.10	December 6, 2004
11/003,705	8733.706.10	December 6, 2004
11/004,076	8733.778.10	December 6, 2004
11/004,095	8733.737.10	December 6, 2004
11/004,925	8733.1247.00	December 7, 2004
11/007,272	8733.1244.00	December 9, 2004
11/008,140	8733.709.20	December 10, 2004
11/008,160	8733.1217.00	December 10, 2004
11/008,272	8734.369	December 10, 2004
11/014,237	8733.1239.00	December 17, 2004
11/014,238	8733.1238.00	December 17, 2004
11/015,031	8734.052 C2	December 20, 2004
11/016,891	8734.052 D1	December 21, 2004
11/023,551	8733.1216.00	December 29, 2004
11/048,856	8733.787.10	February 3, 2005
11/057,148	8734.050 D1	February 15, 2005
11/113,268	8734.326 C1	April 25, 2005



Docket No. 8733.666.00

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION: Young Sang BYUN et al.

ART UNIT: 2876

APPLICATION NO. 10/184,096

EXAMINER: Lisa M. Caputo

FILED: June 28, 2002

FOR: DISPENSING APPARATUS FOR LIQUID CRYSTAL DISPLAY PANEL AND  
DISPENSING METHOD USING THE SAME

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.97**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicant(s) wish to disclose the following information.

**REFERENCES**

- The Applicant(s) wish to make of record the references listed on the attached PTO/SB/08. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- A check is attached in the amount required under 37 CFR § 1.17(p).

**RELATED CASES**

- Attached is a list of applicant's pending applications or issued patents which may be related to the present application. A copy of the patent(s) is attached along with PTO/SB/08.
- A check is attached in the amount required under 37 CFR § 1.17(p).

**CERTIFICATION**

The undersigned certifies that

- each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- no item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR § 1.56(c) more than three months prior to the filing of this statement.

**PETITION**

Applicant(s) hereby request consideration of the attached information. A check is attached in the amount of the Petition fee required under 37 CFR § 1.17(i)(1).

**DEPOSIT ACCOUNT**

Please charge any additional fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to deposit account No. 50-0911. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

Dated: August 5, 2005

By

  
**Song K. Jung**  
Registration No. 35,210

**McKENNA LONG & ALDRIDGE LLP**  
1900 K Street, N.W.  
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(202) 496-7500  
Attorneys for Applicant





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 Approved for use through 05/31/2003. OMB 0651-0031  
 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO		<i>Complete if Known</i>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>		Application Number	10/184,096
		Filing Date	June 28, 2002
		First Named Inventor	Lisa M. Caputo
		Art Unit	2876
		Examiner Name	Young Sang BYUN et al.
		Attorney Docket Number	8733.666.00
Sheet	1	of	11

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>2</sup>
		Country Code <sup>2</sup>	Number <sup>3</sup> -Kind Code <sup>4</sup> (if known)				
	A		1 003 066 A1	5/2000	Europe		
	B		2000-0035302 (w/ English Translation)	6/2000	Korea		
	C		05-127179 (w/ English Translation)	5/1993	Japan		
	D		05-154923 (w/ English Translation)	6/1993	Japan		
	E		05-265011 (w/ English Translation)	10/1993	Japan		
	F		05-281557 (w/ English Translation)	10/1993	Japan		
	G		05-281562 (w/ English Translation)	10/1993	Japan		
	H		06-051256 (w/ English Translation)	2/1994	Japan		
	I		06-148657 (w/ English Translation)	5/1994	Japan		
	J		06-160871 (w/ English Translation)	6/1994	Japan		
	K		06-235925 (w/ English Translation)	8/1994	Japan		
	L		06-265915 (w/ English Translation)	9/1994	Japan		
	M		06-313870 (w/ English Translation)	11/1994	Japan		
	N		07-084268 (w/ English Translation)	3/1995	Japan		
	O		07-128674 (w/ English Translation)	5/1995	Japan		
	P		07-181507 (w/ English Translation)	7/1995	Japan		
	Q		08-095066 (w/ English Translation)	4/1996	Japan		
	R		08-101395 (w/ English Translation)	4/1996	Japan		
	S		08-106101 (w/ English Translation)	4-1996	Japan		

Examiner Signature		Date Considered	
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 PTO/SB/08a/b (05-03)

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**INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet	2	of	11
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Complete if Known	
Application Number	10/184,096
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Art Unit	2876
Examiner Name	Young Sang BYUN et al.
Attorney Docket Number	8733.666.00

T	08-171094 (w/ English Translation)	7/1996	Japan	
U	08-190099 (w/ English Translation)	7-1996	Japan	
V	08-240807 (w/ English Translation)	9/1996	Japan	
W	09-005762 (w/ English Translation)	1/1997	Japan	
X	09-026578 (w/ English Translation)	1/1997	Japan	
Y	09-073075 (w/ English Translation)	3/1997	Japan	
Z	09-073096 (w/ English Translation)	3/1997	Japan	
AA	09-127528 (w/ English Translation)	5/1997	Japan	
AB	09-230357 (w/ English Translation)	9/1997	Japan	
AC	09-281511 (w/ English Translation)	10/1997	Japan	
AD	09-311340 (w/ English Translation)	2/1997	Japan	
AE	09-61829 (w/ English Translation)	3/1997	Japan	
AF	10-123537 (w/ English Translation)	5/1998	Japan	
AG	10-123538 (w/ English Translation)	5/1998	Japan	
AH	10-142616 (w/ English Translation)	5/1998	Japan	
AI	10-177178 (w/ English Translation)	6/1998	Japan	
AJ	10-221700 (w/ English Translation)	8/1998	Japan	
AK	10-282512 (w/ English Translation)	10/1998	Japan	
AL	10-333157 (w/ English Translation)	12/1998	Japan	
AM	10-333159 (w/ English Translation)	12/1998	Japan	
AN	11-014953 (w/ English Translation)	1/1999	Japan	

Examiner Signature		Date Considered	
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 PTO/SB/08a/b (05-03)

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

*(use as many sheets as necessary)*

Sheet	3	of	11
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Complete if Known	
Application Number	10/184,096
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First Named Inventor	Lisa M. Caputo
Art Unit	2876
Examiner Name	Young Sang BYUN et al.
Attorney Docket Number	8733.666.00

AO	11-038424 (w/ English Translation)	2/1999	Japan		
AP	11-064811 (w/ English Translation)	3/1999	Japan		
AQ	11-109388 (w/ English Translation)	4/1999	Japan		
AR	11-133438 (w/ English Translation)	5/1999	Japan		
AS	11-142864 (w/ English Translation)	5/1999	Japan		
AT	11-174477 (w/ English Translation)	7/1999	Japan		
AU	11-212045 (w/ English Translation)	8/1999	Japan		
AV	11-248930 (w/ English Translation)	9/1999	Japan		
AW	11-326922 (w/ English Translation)	11/1999	Japan		
AX	11-344714 (w/ English Translation)	12/1999	Japan		
AY	2000-002879 (w/ English Translation)	1/2000	Japan		
AZ	2000-029035 (w/ English Translation)	1/2000	Japan		
BA	2000-056311 (w/ English Translation)	2/2000	Japan		
BB	2000-066165 (w/ English Translation)	3/2000	Japan		
BC	2000-137235 (w/ English Translation)	5/2000	Japan		
BD	2000-147528 (w/ English Translation)	5/2000	Japan		
BE	2000-193988 (w/ English Translation)	7/2000	Japan		
BF	2000-241824 (w/ English Translation)	9/2000	Japan		
BG	2000-284295 (w/ English Translation)	10/2000	Japan		
BH	2000-292799 (w/ English Translation)	10/2000	Japan		
BI	2000-310759 (w/ English Translation)	11/2000	Japan		

Examiner Signature		Date Considered	
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Substitute for form 1449/PTO		<i>Complete if Known</i>	
<b>INFORMATION DISCLOSURE          STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>		Application Number	10/184,096
		Filing Date	June 28, 2002
		First Named Inventor	Lisa M. Caputo
		Art Unit	2876
		Examiner Name	Young Sang BYUN et al.
		Attorney Docket Number	8733.666.00
Sheet	4	of	11

BJ	2000-310784 (w/ English Translation)	11/2000	Japan	
BK	2000-338501 (w/ English Translation)	12/2000	Japan	
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BM	2001-005405 (w/ English Translation)	1/2001	Japan	
BN	2001-013506 (w/ English Translation)	1/2001	Japan	
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BP	2001-042341 (w/ English Translation)	2/2001	Japan	
BQ	2001-051284 (w/ English Translation)	2/2001	Japan	
BR	2001-066615 (w/ English Translation)	3/2001	Japan	
BS	2001-091727 (w/ English Translation)	4/2001	Japan	
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BX	2001-133799 (w/ English Translation)	5/2001	Japan	
BY	2001-142074 (w/ English Translation)	5/2001	Japan	
BZ	2001-147437 (w/ English Translation)	5/2001	Japan	
CA	2001-154211 (w/ English Translation)	6/2001	Japan	
CB	2001-166272 (w/ English Translation)	6/2001	Japan	
CC	2001-166310 (w/ English Translation)	6/2001	Japan	
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Examiner Signature		Date Considered	
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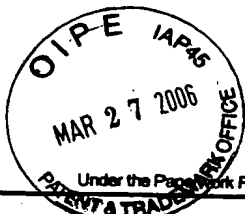


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Substitute for form 1449/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	10/184,096
		Filing Date	June 28, 2002
		First Named Inventor	Lisa M. Caputo
		Art Unit	2876
		Examiner Name	Young Sang BYUN et al.
		Attorney Docket Number	8733.666.00
Sheet	5	of	11

	CE	2001-201750 (w/ English Translation)	7/2001	Japan		
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	CH	2001-215459 (w/ English Translation)	8/2001	Japan		
	CI	2001-222017 (w/ English Translation)	8/2001	Japan		
	CJ	2001-235758 (w/ English Translation)	8/2001	Japan		
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	CW	2002-023176 (w/ English Translation)	1/2002	Japan		
	CX	2002-049045 (w/ English Translation)	2/2002	Japan		
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Examiner Signature		Date Considered	
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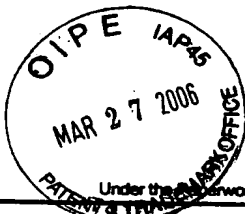


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 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
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Substitute for form 1449-PTO		<i>Complete if Known</i>	
<b>INFORMATION DISCLOSURE          STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>		Application Number	10/184,096
		Filing Date	June 28, 2002
		First Named Inventor	Lisa M. Caputo
		Art Unit	2876
		Examiner Name	Young Sang BYUN et al.
		Attorney Docket Number	8733.666.00
		Sheet	6

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DA	2002-090760 (w/ English Translation)	3/2002	Japan		
DB	2002-107740 (w/ English Translation)	4/2002	Japan		
DC	2002-122872 (w/ English Translation)	4/2002	Japan		
DD	2002-122873 (w/ English Translation)	4/2002	Japan		
DE	2002-139734 (w/ English Translation)	5/2002	Japan		
DF	2002-202512 (w/ English Translation)	7/2002	Japan		
DG	2002-202514 (w/ English Translation)	7/2002	Japan		
DH	2002-214626 (w/ English Translation)	7/2002	Japan		
DI	51-65656 (w/ English Translation)	6/1976	Japan		
DJ	57-038414 (w/ English Translation)	3/1982	Japan		
DK	57-088428 (w/ English Translation)	6/1982	Japan		
DL	58-027126 (w/ English Translation)	2/1983	Japan		
DM	59-057221 (w/ English Translation)	4/1984	Japan		
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DT	62-089025 (w/ English Translation)	4/1987	Japan		

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<b>INFORMATION DISCLOSURE          STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>		Application Number	10/184,096
		Filing Date	June 28, 2002
		First Named Inventor	Lisa M. Caputo
		Art Unit	2876
		Examiner Name	Young Sang BYUN et al.
		Attorney Docket Number	8733.666.00
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	DV	62-205319 (w/ English Translation)	9/1987	Japan		
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	DX	63-110425 (w/ English Translation)	5/1988	Japan		
	DY	63-128315 (w/ English Translation)	5/1988	Japan		
	DZ	63-311233 (w/ English Translation)	12/1988	Japan		
	EA	2000-093866 (w/ English Translation)	4/2000	Japan		
	EB	2000-066218 (w/ English Translation)	3/2000	Japan		
	EC	2001-209056 (w/ English Translation)	8/2001	Japan		
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	EF	2002-079160 (w/ English Translation)	3/2002	Japan		
	EG	2002-080321 (w/ English Translation)	3/2002	Japan		
	EH	2002-122870 (w/ English Translation)	4/2002	Japan		
	EI	2002-131762 (w/ English Translation)	5/2002	Japan		
	EJ	2002-156518 (w/ English Translation)	5/2002	Japan		
	EK	2002-169166 (w/ English Translation)	6/2002	Japan		
	EL	2002-169167 (w/ English Translation)	6/2002	Japan		
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		Filing Date	June 28, 2002
		First Named Inventor	Lisa M. Caputo
		Art Unit	2876
		Examiner Name	Young Sang BYUN et al.
		Attorney Docket Number	8733.666.00
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	ER	2002-277865 (w/ English Translation)	9/2002	Japan	
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	ET	2002-277881 (w/ English Translation)	9/2002	Japan	
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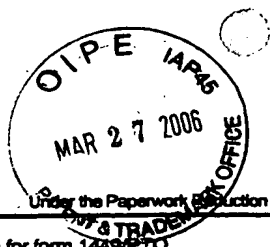
## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(use as many sheets as necessary)*

Sheet	9	of	11	<b>Complete if Known</b>	
				Application Number	10/184,096
				Filing Date	June 28, 2002
				First Named Inventor	Lisa M. Caputo
				Art Unit	2876
				Examiner Name	Young Sang BYUN et al.
				Attorney Docket Number	8733.666.00

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	FO	H05-107533 (w/ English Translation)	4/1993	Japan		
	FP	H06-018829 (w/ English Translation)	1/1994	Japan		
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	GB	H11-262712 (w/ English Translation)	9/1999	Japan		
	GC	H11-264991 (w/ English Translation)	9/1999	Japan		
	GD	S62-054225 (w/ English Translation)	3/1987	Japan		
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			Application Number	10/184,096	
			Filing Date	June 28, 2002	
			First Named Inventor	Lisa M. Caputo	
			Art Unit	2876	
			Examiner Name	Young Sang BYUN et al.	
			Attorney Docket Number	8733.666.00	
Sheet	10	of	11		

	GF	S62-054229 (w/ English Translation)	3/1987	Japan		
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Examiner Initials*	Cite No.¹	U.S. Patent Number	Issue Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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	GH	4653864			
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	GJ	5263888			
	GK	5379139			
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	HB	5511591			

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		Attorney Docket Number	8733.666.00
		Sheet	11

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HO	6219126				
HP	6236445				
HQ	6337730				

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